

*Amendments to the Claims*

The listing of claims will replace all prior versions, and listings of claims in the application.

1.     *(currently amended)* A solid-state system for controlling electromagnetic emissions, comprising:

a diamagnetic base; [and]

a paramagnetic medium disposed to said diamagnetic base and coupled to a molecular control system, wherein said paramagnetic medium is operative to amplify or direct the electromagnetic emissions from said molecular control system into free space; and

an adhesive composition mixed with said paramagnetic medium.

2.     *(original)* A system of claim 1, wherein the diamagnetism for said diamagnetic base ranges from -1 cgs to -4,000 cgs.

3.     *(original)* A system of claim 1, wherein the diameter of said diamagnetic base ranges from 3 cm to 10 cm.

4.     *(original)* A system of claim 1, wherein said diamagnetic base is composed of plastic.

5.     *(original)* A system of claim 1, wherein said diamagnetic base is composed of quartz.

6.     *(original)* A system of claim 1, wherein said diamagnetic base is composed of at least one of leather and plant fibers.

7.     *(original)* A system of claim 1, wherein said diamagnetic base is at least one of blue and red.

8.     *(original)* A system of claim 1, wherein said paramagnetic medium is composed of ground-up paramagnetic rock.

9.     *(original)* A system of claim 1, wherein said paramagnetic medium is composed of magnetic tape.

10.    (*original*) A system of claim 1, wherein said paramagnetic medium is composed of a polyester-based material.

11.    (*original*) A system of claim 1, wherein said paramagnetic medium is composed of at least one of andosite, basalt, and granite.

12.    (*original*) A system of claim 1, wherein the dielectric constant for said paramagnetic medium ranges from 2.23 to 3.39 at 1,000 Hz.

13.    (*original*) A system of claim 1, wherein the paramagnetism for said paramagnetic medium ranges from 1 cgs to 14,000 cgs.

14.    (*original*) A system of claim 1, wherein said molecular control system is selected from the group consisting of garlic, perfume, deodorant, semiochemical, and infrared coded emissions.

15.    (*original*) A system of claim 1, wherein said molecular control system is operative to attract or repel insects.

16. *(original)* A system of claim 1, wherein the solid-state system is configured to produce electromagnetic emissions of 1 to 6 wavelengths, preferably 1 to 2 wavelengths.

17. *(original)* A system of claim 1, further comprising a cloth coupled to said paramagnetic medium, wherein said molecular control system impregnates said cloth.

18. *(original)* A system of claim 17, wherein said cloth is PICRA.

19. *(currently amended)* A system of claim 17, further comprising a ~~paramagnetic~~ diamagnetic tube extending outward from said diamagnetic base, wherein said paramagnetic medium is deposited within said ~~paramagnetic~~ diamagnetic tube, and wherein said cloth wraps around the lower part of said ~~paramagnetic~~ diamagnetic tube, so that the electromagnetic emissions flow out of said diamagnetic base along said ~~paramagnetic~~ diamagnetic tube.

20. *(original)* A system of claim 1, wherein said molecular control system is distributed throughout said paramagnetic medium.

21. *(original)* A system of claim 20, further comprising a layer of dielectric spines disposed between said diamagnetic base and said paramagnetic medium, wherein said paramagnetic medium directs or amplifies the electromagnetic emissions across said dielectric spines.

22. *(original)* A system of claim 1, further comprising sticky paper impregnated with said molecular control system, wherein said diamagnetic base is position on said sticky paper.

23. *(currently amended)* A method for controlling electromagnetic emissions with a solid state system, comprising the steps of:

providing a diamagnetic base;

disposing a paramagnetic medium onto said diamagnetic base;

mixing said paramagnetic medium with an adhesive composition; and

coupling a molecular control system to said paramagnetic medium, such that said paramagnetic medium directs or amplifies the electromagnetic emissions from said molecular control system.

24. *(original)* A method of claim 23, further comprising the step of modulating or tuning the electromagnetic emissions to the surrounding environment.

25. *(original)* A method of claim 24, further comprising the step of applying Callahan frequencies to modulate the electromagnetic emissions.

26. *(original)* A method of claim 24, further comprising the step of modulating the electromagnetic emissions at a frequency of 78.15, 156.26, or 506.81 Hz.

27. *(original)* A method of claim 24, further comprising the step of tuning the electromagnetic emissions to match the resonant frequency for oxygen.

28. *(original)* A method of claim 24, further comprising the step of tuning the electromagnetic emissions to match 3.2 cm or 10 cm high atmospheric frequencies.

29. *(original)* A method of claim 23, further comprising the step of coupling a cloth to said paramagnetic medium, wherein said molecular control system impregnates said cloth.

30. *(original)* A method of claim 23, further comprising the step of dampening at least one of said cloth and said paramagnetic medium to increase at least one of the longevity and the strength of the electromagnetic emissions.

31. *(original)* A method of claim 23, further comprising the step of altering the color of said diamagnetic base to provide pumping radiation to the electromagnetic emissions.

32. *(currently amended)* A method of claim 23, further comprising the step of disposing a layer of dielectric spines, whereby spine collisions provided by said dielectric spines and said molecular control system ~~increases~~ increase the output of the electromagnetic emissions.

33. *(new)* A system of claim 1, wherein said adhesive composition includes water and alcohol.

34. *(new)* A method of claim 23, wherein said adhesive composition includes water and alcohol.

35. (new) A solid-state system for controlling electromagnetic emissions, comprising:

a diamagnetic base; and

a paramagnetic medium coupled to a molecular control system, wherein said diamagnetic base separates a first portion of the perimeter of said paramagnetic medium from free space, and said diamagnetic base provides no separation between a second portion of the perimeter of said paramagnetic medium and free space, wherein said paramagnetic medium is operative to amplify or direct the electromagnetic emissions from said molecular control system into free space.

36. (new) A method for controlling electromagnetic emissions with a solid state system, comprising the steps of:

providing a paramagnetic medium;

applying a diamagnetic base to said paramagnetic medium to separate a first portion of the perimeter of said paramagnetic medium from free space, and enable a second portion of the perimeter of said paramagnetic medium to access free space without being separated by said diamagnetic base; and

coupling a molecular control system to said paramagnetic medium, such that said paramagnetic medium directs or amplifies the electromagnetic emissions from said molecular control system.